

PUBLIC HEALTH REPORTS.

UNITED STATES.

[Reports to the Surgeon-General, Public Health and Marine-Hospital Service.]

Report from Vanceboro, Me.—Smallpox on Canadian border—Train inspection.

Acting Assistant Surgeon Young reports, January 28, as follows: Week ended January 26, 1907. Inspected 18 passenger trains, carrying about 700 passengers; vaccinated, 72; accepted official certificates of vaccination and nonexposure to infection in the case of 46 passengers, all of whom came from the smallpox infected districts of New Brunswick and Nova Scotia.

This infected area is embraced in Kent County, New Brunswick, Cumberland, Colchester, and Pictou counties, Nova Scotia, and Sydney, Cape Breton. In Kent County the disease is largely among people who are opposed to vaccination and impatient of restraint, and the health officers are making little progress in controlling the situation.

The health officer of Cumberland County reports, January 28, that the entire county is infected. The districts infected are Springhill, Joggins, and River Hebert, Maccan and Chignecto, Oxford, Oxford Junction and Westchester, Parrsboro and Shore, Amherst and Pugwash. The disease is also in one or two points on the Oxford and New Glasgow branch.

In Pictou County the disease is epidemic in New Glasgow, Westville, and Blue Mountain. Isolated cases are scattered over both counties.

STATISTICAL REPORTS OF MORBIDITY AND MORTALITY, STATES AND CITIES OF THE UNITED STATES, YEARLY AND MONTHLY.

FLORIDA.—Reports to the State board of health for the week ended January 26, 1907, show as follows: Diphtheria—Duval County (*Jacksonville*), 1 case; Escambia County (*Pensacola*), 1 case; Hillsboro County (*Tampa*), 1 case. Enteric fever—Alachua County (*Newberry*), 1 case; De Sota County (*Arcadia*), 1 case; Leon County (*Tallahassee*), 1 case. Smallpox—Marion County (*Reddick*), 6 cases; Polk County (*Lakeland*), 10 cases. Tuberculosis—Alachua County (*Gainesville*), 1 case; Dade County (*DeRay*), 1 case; Duval County (*Jacksonville*), 3 cases; Hillsboro County (*St. Petersburg* and *Tampa*), 2 cases.

ILLINOIS—*Freeport*.—Year ended December 31, 1906. Estimated population, 21,000. Total number of deaths, 224, including diphtheria 2, enteric fever 8, and 13 from tuberculosis. Cases of contagious

diseases reported: Diphtheria 23, enteric fever 20, measles 77, scarlet fever 1, and smallpox 16.

KANSAS.—Month of December, 1906. Reports to the State board of health show as follows: Diphtheria, 277 cases, 38 deaths; enteric fever, 102 cases, 23 deaths; measles, 28 cases, 2 deaths; scarlet fever, 111 cases, 9 deaths; smallpox, 45 cases, no deaths; tuberculosis, 96 cases, 59 deaths.

Contagious diseases were distributed in the cities, as follows:

Coffeyville.—Diphtheria, 4 cases, 2 deaths.

Kansas City.—Diphtheria, 28 cases, 5 deaths; enteric fever, 45 cases, 1 death; scarlet fever, 3 cases; tuberculosis, 15 cases, 11 deaths.

Leavenworth.—Diphtheria, 5 cases; scarlet fever, 2 cases; measles, 2 cases.

Topeka.—Diphtheria, 21 cases, 1 death; smallpox, 2 cases; scarlet fever, 6 cases.

Wichita.—Measles, 4 cases; scarlet fever, 3 cases; smallpox, 3 cases.

In State institutions there were 12 cases of tuberculosis, with 2 deaths, and smallpox, 1 case.

MASSACHUSETTS.—Reports from the State Board of Health for the month of December, 1906, show as follows: Week ended December 1, 1906. Forty-five cities and towns, having an aggregate estimated population of 2,206,664. Total number of deaths, 649, including diphtheria 15, enteric fever 6, scarlet fever 2, whooping cough 3, and 44 from phthisis pulmonalis. Cases: Diphtheria 261, enteric fever 45, measles 29, scarlet fever 123, tuberculosis 66. Week ended December 8, 1906. Number of localities reporting, 43. Estimated population, 2,180,145. Total number of deaths, 727; diphtheria 17, enteric fever 5, measles 2, scarlet fever 2, whooping cough 4, phthisis pulmonalis 56. Cases: Diphtheria 256, enteric fever 34, measles 83, scarlet fever 118, tuberculosis 93. Week ended December 15, 1906. Number of localities reporting, 45. Estimated population, 2,217,148. Total number of deaths, 691; diphtheria 20, enteric fever 9, measles 2, scarlet fever 1, whooping cough 5, phthisis pulmonalis 47. Cases: Diphtheria 250, enteric fever 41, measles 31, scarlet fever 131, tuberculosis 62. Week ended December 22, 1906. Number of localities reporting, 45. Estimated population, 2,231,860. Total number of deaths, 735; diphtheria 15, enteric fever 7, measles 2, whooping cough 13, phthisis pulmonalis 68. Cases: Diphtheria 198, enteric fever 28, measles 50, scarlet fever 124, tuberculosis 60. Week ended December 29, 1906. Number of localities reporting, 42. Estimated population, 2,179,912. Total number of deaths, 735; diphtheria 11, enteric fever 3, measles 1, scarlet fever 4, whooping cough 5, phthisis pulmonalis 53. Cases: Diphtheria 224, enteric fever 62, measles 30, scarlet fever 144, tuberculosis 32.

MICHIGAN—*Ann Arbor.*—Month of December, 1906. Estimated population, 20,000. Total number of deaths, 17, including 2 from

phthisis pulmonalis. Cases of contagious diseases reported: Diphtheria 1, enteric fever 1, measles 1, scarlet fever 3, whooping cough 9, and phthisis pulmonalis 4.

Grand Rapids.—Month of December, 1906. Estimated population, 100,000. Total number of deaths, 122, including diphtheria 7, enteric fever 3, measles 1, and 9 from tuberculosis. Cases of contagious diseases reported: Diphtheria 58, enteric fever 20, measles 37, scarlet fever 25, phthisis pulmonalis 8.

OHIO—*Cleveland.*—Year ending December 31, 1906. Estimated population, 470,000. Total number of deaths, 7,353, including enteric fever 93, measles 85, whooping cough 41, scarlet fever 66, diphtheria 166, and 647 from tuberculosis. Cases of contagious diseases not reported.

Month of December, 1906. Estimated population, 470,000. Total number of deaths, 586, including diphtheria 23, enteric fever 8, measles 2, whooping cough 2, scarlet fever 6, and 49 from tuberculosis. Cases of contagious diseases not reported.

UTAH—*Salt Lake City.*—Year ended December 31, 1906. Estimated population, 75,000. Total deaths from all causes, 953, including diphtheria 21, enteric fever 36, scarlet fever 2, smallpox 1, whooping cough 6, and 57 from tuberculosis. Cases of contagious diseases reported: Diphtheria 136, enteric fever 183, measles 21, scarlet fever 55, whooping cough 42, tuberculosis 8, and smallpox 251.

Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, December 28, 1906, to February 8, 1907.

For reports received from June 29, 1906, to December 28, 1906, see PUBLIC HEALTH REPORTS for December 28, 1906.

[NOTE.—In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

Place.	Date.	Cases.	Deaths.	Remarks.
Arkansas:				
Fort Smith.....	Dec. 2-15.....	2		
Total for State.....		2		
California:				
General.....	Dec. 1-31.....		1	
Los Angeles.....	Dec. 23-29.....	1		
San Francisco.....	Dec. 6-22.....	2		
Plumas County, Quincy in- cluded.	Dec. 1-15.....	10		
Total for State.....		13	1	
Connecticut:				
Manchester.....	Dec. 1-31.....	1		
Total for State.....		1		
Delaware:				
Reedy Island Quarantine.....	Dec. 22-27.....	1		On ss. Oswestry from Huelva, Spain.
Total for State.....		1		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Florida:				
Marion County, Reddick	Jan. 20-26	6 .....	.....
Polk County, Lakeland	Jan. 20-26	10 .....	.....
Total for State		16 .....	.....
Georgia:				
Augusta	Dec. 26-Jan. 29	46 .....	.....
Total for State		46 .....	.....
Illinois:				
Abingdon	Nov. 10-16	1 .....	.....
Chicago	Dec. 23-Jan. 26	4 .....	.....	Imported.
Danville	Dec. 21-27	1 .....	.....
Galesburg	Dec. 16-Jan. 26	55 .....	.....
Moline	Oct. 1-Nov. 9	3 .....	.....
Peoria	Jan. 20-26	6 .....	.....
Sandwich	Dec. 1-14	1 .....	.....
Victoria	Jan. 1-7 .....	.....	.....	Present.
Viola	Oct. 25-Dec. 25	5 .....	.....
Total for State		76 .....	.....
Indiana:				
Elkhart	Dec. 16-22	1 .....	.....
Indianapolis	Dec. 17-Jan. 27	30	3	
Lafayette	Jan. 15-21	3 .....	.....
Terre Haute	Jan. 20-26	1 .....	.....
South Bend	Dec. 16-Jan. 26	25 .....	.....
Total for State		60	3	
Iowa:				
Ottumwa	Dec. 1-31	1 .....	.....
Total for State		1 .....	.....
Kansas:				
General	Dec. 1-31	1 .....	.....
Allen County	Dec. 1-31	3 .....	.....
Bourbon County	Dec. 1-31	1 .....	.....
Brown County	Dec. 1-31	1 .....	.....
Butler County	Nov. 1-Dec. 31	4 .....	.....
Cheyenne County	Nov. 1-30	6 .....	.....
Cowley County	Dec. 1-31	4 .....	.....
Doniphan County	Dec. 1-31	1 .....	.....
Geary County	Dec. 1-31	3 .....	.....
Greenwood County	Dec. 1-31	1 .....	.....
Jackson County	Dec. 1-31	1 .....	.....
Jefferson County	Dec. 1-31	1 .....	.....
Kearny County	Nov. 1-30	2 .....	.....
Leavenworth County	Nov. 1-30	2 .....	.....
Montgomery County	Nov. 1-Dec. 31	17 .....	.....
Morris County	Dec. 1-31	1 .....	.....
Osborne County	Nov. 1-30	6 .....	.....
Pawnee County	Dec. 1-31	2 .....	.....
Russell County	Dec. 1-31	2 .....	.....
Sedgwick County, Wichita included.	Nov. 1-Dec. 31	9 .....	.....
Shawnee County, Topeka included.	Nov. 1-Dec. 31	1 .....	.....
Stevens County	Nov. 1-30	11 .....	.....
Wallace County	Dec. 1-31	2 .....	.....
Washington County	Nov. 1-30	2 .....	.....
Woodson County	Dec. 1-31	1 .....	.....
Total for State		85 .....	.....
Louisiana:				
New Orleans	Dec. 23-Jan. 26	17 .....	.....	2 imported.
Shreveport	Dec. 23-29	2 .....	.....
Total for State		19 .....	.....
Michigan:				
Ann Arbor	Jan. 13-26	2 .....	.....
Detroit	Dec. 23-Feb. 2	25 .....	.....
Total for State		27 .....	.....

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Minnesota:				
St. Paul	Dec. 4-31	6 .....	.....
Total for State		6 .....	.....
Mississippi:				
Natchez	Jan. 20-26	3 .....	.....
Total for State		3 .....	.....
Missouri:				
St. Joseph	Dec. 16-Jan. 26	86	1	
St. Louis	Jan. 18-19	2 .....	.....
Total for State		88	1	
Montana:				
Chouteau County	Dec. 1-31	5 .....	.....
Dawson County	Dec. 1-31	2 .....	.....
Total for State		7 .....	.....
New York:				
New York	Dec. 16-Jan. 26	17 .....	.....
Total for State		17 .....	.....
North Carolina:				
Alamance County	Nov. 1-30	8 .....	.....
Ashe County	Nov. 1-30	10 .....	.....
Guilford County, Greensboro included	Nov. 1-Jan. 19	3 .....	.....
Person County	Nov. 1-30	1 .....	.....
Randolph County	Nov. 1-30	21 .....	.....
Wake County	Nov. 1-30	40 .....	.....
Total for State		83 .....	.....
Ohio:				
Cincinnati	Jan. 12-Feb. 1	3 .....	.....
Toledo	Dec. 16-22	1 .....	.....
Total for State		4 .....	.....
Texas:				
Houston	Dec. 30-Jan. 12	5 .....	.....
Total for State		5 .....	.....
Utah:				
Boxelder County	Nov. 1-Dec. 31	6 .....	.....
Cache County	Nov. 1-30	11 .....	.....
Carbon County	Dec. 1-31	14 .....	.....
Emery County	Nov. 1-30	4 .....	.....
Salt Lake County, Salt Lake included	Dec. 1-30	1 .....	.....
Sevier County	Nov. 1-30	8 .....	.....
Summit County	Nov. 1-Dec. 31	9 .....	.....
Wasatch County	Nov. 1-Dec. 31	70 .....	.....
Total for State		123 .....	.....
Virginia:				
Atlee	Jan. 31	35 .....	.....	Present.
Ellerson	Jan. 31 .....	.....	.....
Fredericks Hall	Nov. 11-Jan. 5	6 .....	.....
Norfolk	Jan. 1-7	1 .....	.....
Total for State		42 .....	.....
Washington:				
Spokane	Dec. 16-Jan. 19	43 .....	.....	14 imported.
Total for State		43 .....	.....
Wisconsin:				
Appleton	Dec. 23-Jan. 19	2 .....	.....
La Crosse	Dec. 16-Jan. 19	4 .....	.....
Milwaukee	Dec. 16-Jan. 19	31 .....	.....
Total for State		37 .....	.....
Grand total, United States		755	5	

Worcester, Mass.	Oct. 27	118,421	82	2	2	1	2	41	1	.....
Do.	Nov. 3	118,421	85	2	.....	.....	.....	39	5	.....
Do.	Nov. 10	118,421	85	2	.....	.....	.....	38	2	.....
Do.	Nov. 17	118,421	81	4	.....	.....	.....	39	2	.....
Do.	Nov. 24	118,421	41	4	.....	.....	.....	20	1	.....
Do.	Dec. 1	118,421	55	4	.....	.....	.....	25	.....	.....
Do.	Dec. 8	118,421	55	2	.....	.....	.....	25	3	.....
Do.	Dec. 15	118,421	48	4	.....	.....	.....	21	5	.....
Do.	Dec. 22	118,421	47	4	.....	.....	.....	21	1	.....
Do.	Dec. 29	118,421	48	4	.....	.....	.....	25	1	.....
Do.	Jan. 5	118,421	38	6	.....	.....	.....	24	2	.....
Do.	Jan. 12	118,421	42	2	.....	.....	.....	28	2	.....
Do.	Jan. 19	118,421	41	4	.....	.....	.....	28	2	.....
Do.	Jan. 26	118,421	58	6	.....	.....	.....	39	1	.....
Do.	.....do	47,981	21	8	.....	.....	.....	24	1	.....
Yonkers, N. Y.	.....do	.....	21	8	.....	.....	.....	24	7	.....

a Imported.

FOREIGN AND INSULAR.

AUSTRALIA.

Examination of rodents for plague infection at Brisbane and Sydney.

The following information is taken from plague bulletins received from Consul-General Bray at Melbourne:

Brisbane.—Week ended December 8, 1906. Number of rodents destroyed, 361; examined, 280; found infected, 2.

Sydney.—Week ended December 8, 1906. Number of rodents destroyed, 1,644; examined, 462; found infected, 0.

BRAZIL.

Report from Rio de Janeiro—Inspection of vessels—Mortality—Plague and smallpox—Summary of mortality, year 1906.

Acting Assistant Surgeon Stewart reports, December 31, as follows:

Week ended December 30, 1906. Vessels inspected, and received bills of health, as follows: On the 27th instant the British steamship *Pretoria*, for New Orleans, in water ballast, with no passengers and with no change in the personnel of the crew; on the same date the British steamship *Hannah M. Bell*, for Key West, Fla., in water ballast, with no passengers, no cargo, and with no change in the crew personnel; on the 28th instant the American schooner *Margaret Thomas*, for Tampa, Fla., with stone ballast, no passengers, and with no change in the personnel of the crew; vessel not visited; did not sail until the following morning; on the 29th instant the Belgian steamship *Camoens*, for New York, with a cargo of coffee, first-class and steerage passengers, and no change in the personnel of the crew, and on the same date the British steamship *Phidias*, for New Orleans, with a cargo of coffee, no passengers, and with no change in the personnel of the ship's crew.

No other vessels left this port requiring inspection or the issuance of bills of health.

Mortality, Pernambuco.—Two weeks ended December 15, 1906. Variola, 35 deaths. Total deaths during period, 261. Population, estimated, 210,000.

Rio de Janeiro.—Week ended December 30, 1906. Total deaths, 312. Plague, 12 new reported cases and 8 deaths; variola, 1 new case and no deaths. At the close of the week there were in the Hospital São Sebastião 13 cases of plague and 17 cases of suspected illness. Estimated population, 912,900.

Year 1906.—Total number of deaths, 13,913, including yellow fever 42, bubonic plague 111, variola 9, and tuberculosis, all forms, 2,768. Total in 1905, 14,660.

CANARY ISLANDS.

Report from Santa Cruz de Teneriffe—Typhus fever.

Consul Berliner reports for the week ended January 5 that only 2 new cases of typhus fever had occurred during that period, with a total of 12 cases in the lazaretto, the greater number of which were convalescent.

Week ended January 12. Six patients discharged, cured, from the lazaretto. Eight cases entered; total number of cases now present in the lazaretto, 14.

CHINA.

Report from Hongkong—Emigrants recommended for rejection.

Passed Assistant Surgeon White reports, December 17, as follows: Number of emigrants per steamship *Hongkong Maru* recommended, December 13, 1906, for rejection: For Honolulu, 1; for San Francisco, 5; in transit, 3.

Report from Shanghai—Inspection of vessels—Inspection of emigrants—Smallpox.

Temporary Acting Assistant Surgeon Mills reports, December 26, as follows:

Week ended December 22, 1906. Supplemental bills of health granted to 2 steamships after inspection of their crews, numbering 288, and 57 steerage passengers and their living quarters; 4 Chinese steerage passengers, passed for Portland, Oreg., via San Francisco, finally sailed for Vancouver by an Empress Line steamship; 4,648 pieces of freight viséed; 17 pieces of steerage baggage inspected, and 13 pieces disinfected. Five intending emigrants passed. No quarantinable diseases reported from outports. The municipal health officer reports for the week ended December 23, 1906, 1 case of smallpox among the non-Chinese population.

Report from Niuchwang—Plague.

The following information is received from the Department of State under date of January 31:

Vice and Deputy Consul General Bandinel, at Niuchwang, informed the Department in a telegram of the 28th instant of the presence of plague at that port.

CUBA.

*Report from Cienfuegos—Inspection of vessels—Sanitary conditions—Decrease in number of mosquitoes—Precautionary quarantine and fumigation of steamship *Albuera* from Rio de Janeiro.*

Acting Assistant Surgeon Marsillan reports, January 28, as follows:

Week ended January 26, 1907. Bills of health issued to 9 vessels cleared for ports in the United States. All in good sanitary condition and no sickness on board; total personnel of crews, 230. No passengers; no immune certificates issued. No vessels fumigated during this week.

No quarantinable disease has appeared at this port during the week. The sanitary condition of the city is fair, and mosquitoes have decreased in number.

The British steamship *Albuera*, which arrived at this port on January 16, with an unclean bill of health from Rio de Janeiro, was quarantined and fumigated by Cuban authorities as a precautionary measure.

Report from Habana—Inspection and fumigation of vessels—Smallpox on steamship Dania—Vessels arrived in December, 1906, and January, 1907, with history of smallpox on board—Smallpox in Habana.

Passed Assistant Surgeon von Ezdorf reports, January 28, as follows:

Week ended January 27, 1907.

Vessels inspected and bills of health issued	21
Vessels not inspected and bills of health issued	3
Crew of outgoing vessels inspected	1,183
Crew of outgoing vessels not inspected	314
Passengers of outgoing vessels inspected	953
Vessels fumigated prior to sailing	4

No new cases of yellow fever were reported. The last reported case in Habana was on December 31, 1906.

On January 23, 1907, the German steamship *Dania* arrived at this port from Vigo, Spain, with 2 cases of smallpox among the steerage passengers. The vessel was remanded to Mariel quarantine station, where all living quarters and holds were disinfected, 134 steerage passengers destined for Cuba vaccinated and held in detention, and 14 cabin and 67 steerage passengers destined for Mexico, to which place the vessel was bound, allowed to reembark after the disinfection of the vessel.

The itinerary of the *Dania* included Hamburg, Havre, Bilbao, and Corunna.

The vessel was bound for New Orleans via Cuban and Mexican ports.

From the ship's surgeon I obtained the following information: Two men reported sick on January 17, 1907, and both found to have smallpox.

One man taken on at Havre, January 2, was found to be in the pustular stage of the disease. He showed no marks of vaccination. The other man embarked at Vigo, Spain, January 8, and when discovered, was in the vesicular stage of the disease. He had had a previous vaccination and was again vaccinated on the second day of the voyage from Vigo. The surgeon stated that he vaccinated every member of the crew and all passengers January 17 after discovering the 2 cases of smallpox.

All passengers and crew were carefully inspected and found to have been recently vaccinated when a bill of health was issued for a port in the United States via Mexican ports, January 26, 1907. A note was made on this bill of health regarding the disinfection of the vessel as certified to by the Cuban quarantine service.

This vessel is the fourth arriving recently with smallpox on board or having had smallpox on board. Their history is as follows:

The German steamship *Kronprinzessin Cecilia*, from Vera Cruz, arrived Habana December 22, 1906. Chinaman developed smallpox while in detention camp. Died at Las Animas.

The Spanish steamship *Puerto Rico*, from Corunna, December 11, via Porto Rican ports, arrived Puerto Padre January 2, Habana January 4.

The Spanish steamship *Manuel Calve* sailed from Cadiz, Spain, December 30; arrived at New York with 1 case varioloid. This case was in a passenger from Malaga, taken sick January 7, 1907; certificate of disinfection by New York quarantine officer, January 14, 1907; vessel arrived Habana January 19, 1907, and was held in quarantine to complete 14 days after disinfection at New York. Thirty-four passengers bound for Cuba were placed in detention at Mariel to complete 14 days from date of disinfection.

January 30. One case smallpox reported—Habana—case, child 4 years old residing near Las Animas Hospital.

Report from Santiago—Inspection and fumigation of vessels.

Acting Assistant Surgeon Wilson reports, January 23, as follows: Week ended January 19, 1907. Bills of health issued to 9 vessels bound for the United States. One vessel was fumigated. No quarantinable disease has been reported.

ECUADOR.

Report from Guayaquil—Summary month of December, 1906; inspection of vessels; smallpox and yellow fever.

Passed Assistant Surgeon Lloyd reports, January 15, as follows: Month of December, 1906. Seventeen deaths from yellow fever in Guayaquil and 27 from smallpox. Bills of health issued to 9 vessels, 8 of which were fumigated. Twenty-three immune certificates issued and 26 persons vaccinated.

INDIA.

Report from Calcutta—Transactions of Service.

Acting Assistant Surgeon Eakins reports, January 3, as follows: Week ended December 29, 1906. Bill of health issued to the steamship *Trifels*, bound for Boston and New York, with a total crew of 58. The usual precautions were taken, holds fumigated, rat guards on wharf lines, and Lascars' effects disinfected.

ITALY.

Report from Naples—Inspection of vessels—Emigrants recommended for rejection.

Passed Assistant Surgeon McLaughlin reports, January 14, as follows:

Week ended January 12, 1907. Vessels inspected as follows:

NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of large baggage inspected and passed.	Pieces of baggage disinfected.
Jan. 12	Republic	Boston.....	688	90	980

Rejections recommended.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Suspected favus.	Other causes.	Total.
Jan. 12	Republic	18	4	18	2	3	45

Sanitary conditions in Italy.

The following is received from Consul-General Castro, at Rome, under date of December 5, 1906:

The latest statistics in regard to the sanitary conditions of Italy, published up to 1903, demonstrate the sanitary improvement of the country. The improvement is due to the hygienic laws and regulations enacted and enforced.

Mortality, which in 1887 was 28.78 per thousand, had in 1903 been reduced to 22.25.

Infectious diseases have become less prevalent and serious. Death by smallpox, which reached its maximum during the period of 1877 to 1899, rapidly decreased, and from 1898 to 1900 the rate was 10 deaths per million capita. In the years 1901-1903 there was a spread of smallpox and the death rate in that latter year rose to 1.83 per million, the highest since 1891. From that time on the death rate steadily decreased.

The deaths from measles fell from 803 in 1887 to 220 in 1903; from scarlet fever from 494 to 60; from enteric fever from 939 to 353; from diphtheria from 952 to 123.

Deaths from malarial fever decreased from 710 to 258. Typhus fever has almost entirely disappeared.

After 1894, in which year 24 cases of cholera occurred in the month of January, there were no other deaths recorded from that cause.

The death rate due to grippe has, however, much increased. In the three years 1887 to 1889, inclusive, there were registered only 18 deaths per million capita, while in the subsequent years it steadily increased up to the number of 216 per million in 1903.

Seventy-one individuals, the maximum, died from rabies in 1890 and 55 in 1901. The improvement is no doubt due to the more stringent measures of prophylaxis adopted.

Two thousand one hundred and one individuals died from tuberculosis in 1887 and 2,126 in 1888, while in 1902 there were registered only 1,585 deaths, and 1,591 in 1903.

The same decrease is recorded in the death rate from diabetes, enteritis, pulmonary, and skin diseases.

If divided into sections it is found that among infectious diseases smallpox was most prevalent in the province of Puglia; measles in Calabria, Basilicata, Sicily, and Abruzzi; scarlatina in Calabria; diphtheria in Lombardy, Tuscany, and Venice; enteric fever in Puglia, Sicily, Marches, and Tuscany. Malarial fever caused very few deaths in the northern part of the Roman Province, while in Sardinia the death rate from that disease reached the number of 1,300, in the Basilicata 150, in Puglia 95, and in Sicily 63 per 100,000 inhabitants.

The proportion of deaths from tuberculosis is highest in the Genoese Province, being 216; in Lombardy 211, in Tuscany 181, and in the Roman Province 180 per 100,000 inhabitants.

Pellagra is mostly confined to northern Italy, the death rate being 30 in Venice, 26 in Umbria, 19 in the Marches, 16 in Emilia, 15 in Lombardy, 5 in Tuscany, 2 in Piedmont and the Roman provinces, and 1 in the Abruzzi, per 100,000.

JAPAN.

Report from Yokohama—Emigrants recommended for rejection.

Passed Assistant Surgeon Cumming reports as follows:

Number of emigrants per steamship *Korea* recommended, January 7, 1907, for rejection: For Honolulu, 39.

Per steamship *Tango Maru*, January 9, 1907: For Seattle, 12.

Report from Nagasaki—Emigrants recommended for rejection.

Sanitary Inspector Bowie reports as follows:

Number of emigrants per steamship *Hongkong Maru* recommended, December 23, 1906, for rejection, 137.

Per steamship *Korea*, January 2, 1907, 55.

PERU.

Report from Cullao—Inspection and fumigation of vessels—Plague in Peru—Plague and smallpox in Chilean ports.

Assistant Surgeon Wightman reports, January 6, as follows:

Week ended January 5, 1907. Vessels dispatched as follows:

The German steamship *Amasis* on December 31, 1906, for San Francisco, Cal., with general cargo and a total personnel of 79, of whom 7 cabin passengers were from this port.

The British steamship *Colombia* on January 4, for Ancon, Canal Zone, with general cargo and a total personnel of 176, of whom 6 members of crew, 48 cabin, and 23 steerage passengers were from this port.

The German steamship *Hermonthis* on January 5, for San Francisco, Cal., with general cargo and a total personnel of 74, of whom 1 cabin and 6 steerage passengers were from this port.

The vessels were fumigated, personnel inspected, steerage baggage inspected and passed or disinfected, and steerage passengers for Panama vaccinated when necessary.

Two new cases of plague occurred in Callao during the week, of which 1 was fatal. The last report from the Director de Salubridad states as follows:

Locality.	Cases Decem- ber 19.	New.	Recov- ered.	Died.	Remain- ing De- cember 31.
Trujillo.....	27	17	10 ?	3	29
Catacaos.....	5	2	2 ?	2	2
San Pedro.....	6	11	3	2	12
Mollendo.....	7	9	4	3	9
Pacasmayo.....	0	?	?	?	2
Chiclayo.....	0	1	0	1	0
Paíta (city).....	1	4	0	2	3
Paíta (neighborhood).....	0	3	0	0	3

Nine cases of smallpox are reported as having occurred in Lima during the month of December, 1906.

Bills of health from Chile report as follows: Antofagasta, 4 cases of smallpox with 2 deaths, and 3 cases of plague with 1 death, in two weeks ended December 24; Coquimbo, 16 cases of smallpox with 1 death in two weeks ended December 22; Iquique, smallpox still present.

PHILIPPINE ISLANDS.

Report from Manila—Inspection and disinfection of vessels—Cholera in the provinces.

Chief Quarantine Officer Heiser reports, December 20, as follows: Week ended December 15, 1906. No quarantinable diseases reported for the city of Manila.

During the same period cholera was reported from the provinces as follows:

Province.	Cases.	Deaths.
Samar.....	7	3
Negros Occidental.....	11	7
Capiz.....	11	12
Total.....	29	22

A few cases of cholera are reported from Catubig, Samar, and vicinity, as well as a few cases from Negros Occidental.

During the week vessels were granted consular bills of health as follows:

On December 15 the U. S. army transport *Logan*, with 178 crew and 218 passengers, was granted a consular bill of health for San Francisco via Nagasaki and Honolulu. Crew and steerage passengers were bathed and their effects and baggage disinfected. Cargo certified after the usual disinfection or inspection. All persons inspected on board at Mariveles at the hour of sailing.

PORTO RICO.

Report from Ponce—Mortality, month of December, 1906.

Acting Assistant Surgeon Ferrer-Torres reports, January 16, as follows:

Number and causes of deaths in Ponce jurisdiction, during the month of December, 1906.

Diseases of—		Measles.....	1
Digestive system.....	41	Syphilis.....	1
Nervous system.....	6	Old age.....	7
Circulatory system.....	6	Tuberculosis.....	27
Respiratory system.....	23	Rheumatic fever.....	2
Grippe.....	12	Enteric fever.....	1
Malarial fever.....	7	Uncinariasis.....	5
Anaemia.....	2	Erysipelas.....	1
Nephritis.....	4	Rickets.....	4
Congenital malformation.....	1		
Cancer.....	3	Total.....	163
Tetanus.....	7	December, 1905:	
Puerperal fever.....	2	Deaths.....	130

FOREIGN AND INSULAR STATISTICAL REPORTS OF COUNTRIES AND
CITIES—UNTABULATED.

AUSTRIA—*Brünn*.—Month of November, 1906. Estimated population, 95,342. Total number of deaths, 191, including diphtheria 3, enteric fever 1, measles 3, and 46 from tuberculosis.

BRAZIL—*Ceara*.—Month of November, 1906. Estimated population, 50,000. Total number of deaths, 70, including 4 from enteric fever.

State of São Paulo, including the cities of *São Paulo*, *Santos*, and *Campinas*.—Week ended December 23, 1906. Estimated population, 286,000. Total number of deaths, 207, including diphtheria 2, enteric fever 4, measles 1, and 17 from tuberculosis.

CUBA—*Habana*.—Month of December, 1906. Estimated population, 275,000. Total number of deaths reported, 561, including diphtheria 10, enteric fever 1, whooping cough 1, leprosy 3, yellow fever 1, and 96 from tuberculosis.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 76 great towns in England and Wales during the week ended January 12, 1907, correspond to an annual rate of 20.7 per 1,000 of population, which is estimated at 16,024,458.

London.—One thousand nine hundred and forty-six deaths were registered during the week, including measles 28, scarlet fever 9, diphtheria 12, enteric fever 11, whooping cough 31, and 18 from diarrhea. The deaths from all causes correspond to an annual rate of 21.3 per 1,000. In Greater London 2,722 deaths were registered. In the "outer ring" the deaths included 5 from diphtheria, measles 3, 3 from whooping cough, and 3 from scarlet fever.

Ireland.—The average annual death rate represented by the deaths registered during the week ended January 12, 1907, in the 21 principal town districts of Ireland was 25.4 per 1,000 of the population, which is estimated at 1,117,547. The lowest rate was recorded in Newtownards, viz, 5.7, and the highest in Kilkenny, viz, 44.2 per 1,000. In Dublin and suburbs 219 deaths were registered, including diphtheria 1, measles 3, enteric fever 1, whooping cough 2, and 38 from tuberculosis.

Scotland.—The deaths registered in 8 principal towns during the week ended January 12, 1907, correspond to an annual rate of 20.8 per 1,000 of the population, which is estimated at 1,812,171. The lowest rate of mortality was recorded in Paisley, viz, 18.2, and the highest in Greenock, viz, 25.6 per 1,000. The aggregate number of deaths registered from all causes was 721, including diphtheria 6, enteric fever 4, scarlet fever 3, measles 9, and 19 from whooping cough.

WEST INDIES—*Curaçao*.—Two weeks ended January 18, 1907. Estimated population, 31,600. Total number of deaths, 16. No deaths from contagious diseases.

St. Thomas.—Two weeks ended January 4, 1907. Estimated population, 11,012. Total number of deaths, 11, including 1 from tuberculosis.

Cholera, yellow fever, plague, and smallpox from December 28, 1906, to February 8, 1907.

[Reports received by the Surgeon-General, Public Health and Marine-Hospital Service, from American consuls through the Department of State, and from other sources.]

[For reports received from June 29, 1906, to December 28, 1906, see PUBLIC HEALTH REPORTS for December 28, 1906.]

[NOTE.—In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
India:				
Bombay	Nov. 28-Jan. 1		29	
Calcutta	Nov. 11-Dec. 15		447	
Cochin	Oct. 26-Dec. 7		23	
Karachi	Nov. 2-Dec. 7	11	13	
Madras	Nov. 17-30		4	
Negapatam	Oct. 27-Dec. 14		12	
Rangoon	Nov. 25-Dec. 22		113	
Philippine Islands:				
Manila	Nov. 18-Dec. 1	3	2	
Provinces—				
Capiz	Nov. 25-Dec. 15	77	54	
Iloilo	Nov. 18-Dec. 1	82	63	
Moro, Camp Vicars	Nov. 18-24	5	3	
Negros Occidental	Nov. 18-Dec. 15	30	20	
Pampanga	Nov. 18-24	2	1	
Rizal	Nov. 18-24	1	1	
Samar	Dec. 2-15	38	30	
Tarlac	Nov. 18-24	2	2	
Straits Settlements:				
Singapore	Jan. 1-Oct. 16	185	167	

YELLOW FEVER.

Africa:				
Dahomey	Nov. 17			Present.
Togo	Nov. 17			Do
Brazil:				
Para	July 1-Sept. 30 ^a		27	
Rio de Janeiro	Nov. 12-Dec. 8	5	3	
Cuba:				
Habana	Dec. 31	1		
Santa Clara	Jan. 8-10	1	1	
Ecuador:				
Guayaquil	Nov. 16-Dec. 15		23	
Salvador	Jan. 12			Epidemic.

PLAGUE.

Arabia;				
Djeddah	Jan. 9-15	8	4	
Argentina:				
Buenos Aires	Dec. 16-22	5	4	
Australia:				
Brisbane	Nov. 16-24	2	2	
Brazil:				
Bahia	Dec. 2-15	10	8	
Para	July 1-31 ^a		2	
Pernambuco	Nov. 1-15		3	
Rio de Janeiro	Nov. 12-Dec. 30	85	36	
São Paulo	Nov. 12-Dec. 16		6	
Chile:				
Antofagasta	Nov. 22-Dec. 15	9	3	
China:				
Hongkong	Nov. 4-10	1	1	
Niuchwang	Jan. 28			Present.
Ecuador:				
Guayaquil	Nov. 16-Dec. 15		46	

^a Reports for July and August received out of date.

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Egypt:				
Alexandria.....	Nov. 13-Jan. 14...	15	8	
Ismailia.....	Jan. 6.....	1		
Port Said.....	Jan. 17.....	1	1	
Provinces—				
Garbieh.....	Oct. 25-Dec. 2.....	4	3	
Guerga.....	July 2-Dec. 2.....	34	23	
Kenah.....	June 10-Jan. 14.....	53	49	
Menoufieh.....	Mar. 29-Jan. 6.....	14	10	
India:				
Bombay Presidency and Sind.....	Oct. 21-Nov. 24.....	51,910	38,235	
Madras Presidency.....	Oct. 21-Nov. 24.....	366	251	
Bengal.....	Oct. 21-Nov. 24.....	2,702	2,359	
United provinces.....	Oct. 21-Nov. 24.....	9,308	7,974	
Punjab.....	Oct. 21-Nov. 24.....	39,580	34,253	
Burma.....	Oct. 21-Nov. 24.....	3,955	3,599	
Eastern Bengal and Assam.....	Oct. 21-Nov. 24.....	30	25	
Central provinces, including Berar.....	Oct. 21-Nov. 24.....	7,105	5,840	
Mysore State.....	Oct. 21-Nov. 24.....	3,105	2,343	
Hyderabad State.....	Oct. 21-Nov. 24.....	148	100	
Central India.....	Oct. 21-Nov. 24.....	12,260	9,367	
Rajputana.....	Oct. 21-Nov. 24.....	118	71	
Kashmir.....	Oct. 21-Nov. 24.....	1,094	686	
Northwest frontier province.....		2	1	
Baluchistan.....	Oct. 21-Nov. 24.....	10	6	
		131,693	105,110	
Japan:				
Formosa—General.....	Nov. 1-30.....	100	84	
Saseho.....	Oct. 23.....	1		
Shiomonoseki.....	Sept. 22.....	1		
Yamaga.....	Oct. 6.....	1		
Mauritius.....	Nov. 4-Jan. 3.....	237	154	
Peru:				
Callao.....	Dec. 31-Jan. 5.....	2	1	
Catacaos.....	Nov. 9-Dec. 31.....	15	8	
Chicama.....	Dec. 5-11.....	14		In vicinity.
Chiclayo.....	Dec. 25-31.....	1		
Lambayeque.....	Nov. 9-15.....		1	
Lima.....	Nov. 9-15.....	2	1	
Mollendo.....	Nov. 9-Dec. 31.....	26	20	
Pacasmayo.....	Dec. 13-31.....	4	3	
Paita.....	Nov. 13-Dec. 31.....	9	7	And vicinity.
San Pedro.....	Dec. 25-31.....	11	12	
Trujillo.....	Nov. 9-Dec. 31.....	74	57	Do.

SMALLPOX.

Africa:				
Cape Colony—				
Cape Town.....	Nov. 11-Dec. 15.....	7		
Argentina:				
Buenos Aires.....	Dec. 2-22.....	5	1	
Austria:				
Moravia.....	Nov. 4-10.....	1		
Brazil:				
Bahia.....	Dec. 2-15.....	9		
Pernambuco.....	Nov. 1-Dec. 15.....		77	
Rio de Janeiro.....	Nov. 12-Dec. 30.....	16	1	
Canada:				
New Brunswick—				
Kent County.....	Dec. 16-22.....			Present.
Nova Scotia—				
Cape Breton Island—				
Sydney.....	Jan. 6-26.....			Do.
Colchester County.....	Nov. 16-Jan. 26.....			Do.
Cumberland County.....	Nov. 16-Jan. 26.....			Do.
Pictou County.....	Jan. 13-26.....			Epidemic.
Chile:				
Antofagasta.....	Nov. 16-Dec. 15.....	34	2	
Coquimbo.....	Nov. 1-Dec. 13.....	70	5	
Iquique.....	Nov. 11-Dec. 29.....			Present.
China:				
Chefoo.....	Nov. 13.....		1	From U. S. S. Raleigh.
Shanghai.....	Nov. 27-Dec. 26.....	2	1	

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Cuba:				
Habana	Jan. 6-30.....	4	1	One case from ss. Puerto Rico and 2 cases from ss. Dania, from Spanish ports. Death from ss. Kronprinzessin Cecilia from Veracruz.
Ecuador:				
Guayaquil.....	Dec. 1-31.....		27	
Egypt—General	July 2-29.....	112	27	
France:				
Marseille.....	Dec. 1-31.....		88	
Paris.....	Dec. 2-Jan. 12.....	45	1	
Germany:				
Gaudenz.....	Dec. 2-8.....	2		
Kanth.....	Dec. 9-15.....	1		
Marienwerder.....	Dec. 9-15.....	1		
Maxen.....	Dec. 2-8.....	1		
Metz.....	Nov. 18-Dec. 15.....	33		
Mülhausen.....	Dec. 2-15.....	9		
Thorn.....	Dec. 2-8.....	1		
Gibraltar.....	Dec. 17-Jan. 20.....	8		
Great Britain:				
Cardiff.....	Dec. 9-Jan. 19.....	8		In port.
Hull.....	Dec. 22-Jan. 12.....	15	4	
Liverpool.....	Jan. 13-19.....	5		
Manchester.....	Dec. 16-22.....	1		
Sheffield.....	Jan. 1-7.....	1		
India:				
Bombay.....	Dec. 12-25.....		2	
Calcutta.....	Nov. 11-Dec. 15.....		16	
Madras.....	Nov. 24-Dec. 14.....		5	
Italy:				
General.....	Nov. 23-Jan. 10.....	45		
Madeira:				
Funchal.....	Jan. 2.....	1		From ss. Massilia.
Malta:				
Malta.....	Dec. 16-Jan. 5.....	2		
Mexico:				
Mexico.....	Dec. 9-15.....		12	
Tamaulipas.....	Jan. 18.....			Epidemic in vicinity of Mexican Central R. R.
Netherlands:				
Rotterdam.....	Dec. 30-Jan. 19.....	9	2	
Persia:				
Anzeli.....	Nov. 1-30.....			Present.
Hamadan.....	Oct. 1-31.....			Do.
Kerman.....	Oct. 1-31.....			Do.
Kermanshah.....	Oct. 1-31.....			Do.
Meshed.....	Oct. 1-31.....			Do.
Rasht.....	Nov. 1-30.....			Do.
Shiraz.....	Oct. 1-31.....			Do.
Teheran and vicinity.....	Oct. 1-31.....			Epidemic.
Yezd.....	Nov. 1-30.....			Do.
Peru:				
Callao.....	Dec. 23-29.....			Present.
Lima.....	Dec. 1-31.....	9		
Russia:				
Moscow.....	Dec. 11-Jan. 5.....	4	2	
Odessa.....	Dec. 2-Jan. 12.....	48	9	
St. Petersburg.....	Nov. 25-Dec. 29.....	27	6	
Spain:				
Barcelona.....	Dec. 1-Jan. 20.....		31	
Cadiz.....	Nov. 1-30.....		3	
Madrid.....	Oct. 1-31.....	1		
San Feliu de Guixols.....	Dec. 23-Jan. 5.....		2	
Seville.....	Nov. 1-30.....			Do.
Syria:				
Beirut.....	Dec. 2-29.....			Do.
Turkey:				
Constantinople.....	Dec. 3-30.....		6	

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—										
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Mexico	Dec. 15	368,898	372	22				12		8		2		3
Moscow	Dec. 22	1,173,427	683	68						7	14	21	16	
Do	Dec. 29	1,173,427	703	94				1	1	5	13	13	29	3
Nottingham	Jan. 5	250,000	118							1				5
Nuremberg	do	294,426	92	20							1	3	1	1
Palermo	do	330,000	132	4										
Do	Jan. 12	330,000	113	4						2				
Paris	Jan. 5	2,722,731	1,097	272						6	2	6	8	3
Plymouth	Jan. 12	116,000	44							1			4	1
Prague	do	226,320	115	24						2		1	2	
Rangoon	Dec. 22	252,155	215	5	15	39								
Rheims	Jan. 13	109,859	44											
Rio de Janeiro	Dec. 30	912,900	312	72	8					4		1		1
St. Georges	Jan. 12	2,189	1											
St. John, N. B.	Jan. 26	40,789	14	2										
St. Stephen, N. B.	do	2,840	1											
Salford	Jan. 12	234,077	84	8								2		3
San Feliu de Guixols	do	11,094	7	2						1				
Santa Cruz de Tenerife	do	46,000	11	2					2	1				
Santander	Jan. 13	53,574	40											
Southampton	Jan. 12	119,745	48	2										1
Tangiers	do	45,000												
Taragona	do	19,400	8	1										
Trapani	Jan. 5	67,379	16											
Trieste	Dec. 22	198,525	108	15						1				
Do	Dec. 29	198,525	131	19									1	
Tuxpam	Jan. 15	13,000	11											
Utiilla	Dec. 29	671	0											
Do	Jan. 5	671	0											
Do	Jan. 12	671	1											
Vienna	Jan. 5	1,958,323	713	110						1	4	12	12	
Windsor	Jan. 26	3,000	1											1
Winnipeg	Jan. 19	101,000	35									2		

By authority of the Secretary of the Treasury:

WALTER WYMAN,

Surgeon-General,

United States Public Health and Marine-Hospital Service.